

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/790,291  
Source: IFW/16  
Date Processed by STIC: 6/2/05

***ENTERED***



IFW16

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/790,291

DATE: 06/02/2005  
 TIME: 09:21:46

Input Set : E:\CLER232.APP.txt  
 Output Set: N:\CRF4\06022005\J790291.raw

3 <110> APPLICANT: KITTO, G. BARRIE  
 4 HIRSCHHORN, DANIEL C.  
 6 <120> TITLE OF INVENTION: ANIMAL IMMUNOCONTRACEPTIVES EXPRESSED IN PLANTS  
 7 AND USES THEREOF  
 9 <130> FILE REFERENCE: CLFR:232US  
 11 <140> CURRENT APPLICATION NUMBER: 10/790,291  
 12 <141> CURRENT FILING DATE: 2004-03-01  
 14 <150> PRIOR APPLICATION NUMBER: 10/664,118  
 15 <151> PRIOR FILING DATE: 2003-09-17  
 17 <150> PRIOR APPLICATION NUMBER: 60/412,043  
 18 <151> PRIOR FILING DATE: 2002-09-19  
 20 <160> NUMBER OF SEQ ID NOS: 11  
 22 <170> SOFTWARE: PatentIn Ver. 2.1  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 19  
 26 <212> TYPE: DNA  
 27 <213> ORGANISM: Artificial Sequence  
 29 <220> FEATURE:  
 30 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 31 Primer  
 33 <400> SEQUENCE: 1  
 34 aggacacgtg aaatccacca 19  
 37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 34  
 39 <212> TYPE: DNA  
 40 <213> ORGANISM: Artificial Sequence  
 42 <220> FEATURE:  
 43 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 44 Primer  
 46 <220> FEATURE:  
 47 <221> NAME/KEY: modified\_base  
 48 <222> LOCATION: (1)..(5)  
 49 <223> OTHER INFORMATION: n = a, c, g and/or t/u  
 51 <400> SEQUENCE: 2  
 W--> 52 nnnnnggatc ctactataac tgcacatccct tctg 34  
 55 <210> SEQ ID NO: 3  
 56 <211> LENGTH: 13  
 57 <212> TYPE: PRT  
 58 <213> ORGANISM: Mus musculus  
 60 <400> SEQUENCE: 3  
 61 Gln Leu Ile Asn Leu Val Pro Glu Asp Lys Leu Ser Arg  
 62 1 5 10  
 65 <210> SEQ ID NO: 4

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66 <211> LENGTH: 13  
67 <212> TYPE: PRT  
68 <213> ORGANISM: Rattus norvegicus  
70 <400> SEQUENCE: 4  
71 Gln Leu Ile Asn Leu Ala Pro Asp Glu Lys Gln Ser Arg  
72 1 5 10  
75 <210> SEQ ID NO: 5  
76 <211> LENGTH: 13  
77 <212> TYPE: PRT  
78 <213> ORGANISM: Homo sapiens  
80 <400> SEQUENCE: 5  
81 Gln Leu Ile Lys Leu Ile Glu Asp Asp Glu Asn Ser Gln  
82 1 5 10  
85 <210> SEQ ID NO: 6  
86 <211> LENGTH: 13  
87 <212> TYPE: PRT  
88 <213> ORGANISM: Hamster sp.  
90 <400> SEQUENCE: 6  
91 Gln Leu Ile Asn Leu Thr Gln Glu Asp Lys Thr Ser Arg  
92 1 5 10  
95 <210> SEQ ID NO: 7  
96 <211> LENGTH: 13  
97 <212> TYPE: PRT  
98 <213> ORGANISM: Sus scrofa  
100 <400> SEQUENCE: 7  
101 Gln Leu Ile Asn Leu Ile Glu Asp Glu Val Ser Gln Arg  
102 1 5 10  
105 <210> SEQ ID NO: 8  
106 <211> LENGTH: 13  
107 <212> TYPE: PRT  
108 <213> ORGANISM: Fox  
110 <400> SEQUENCE: 8  
111 Gln Leu Glu Asn Leu Ile Glu Glu Asp Lys Ile Ser Gln  
112 1 5 10  
115 <210> SEQ ID NO: 9  
116 <211> LENGTH: 13  
117 <212> TYPE: PRT  
118 <213> ORGANISM: Pigeon  
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122 1 5 10  
125 <210> SEQ ID NO: 10  
126 <211> LENGTH: 13  
127 <212> TYPE: PRT  
128 <213> ORGANISM: Fundulus heteroclitus  
130 <400> SEQUENCE: 10  
131 His Lys Leu Ile Thr Pro Leu Ala Cys Ser Ser Pro Glu  
132 1 5 10  
135 <210> SEQ ID NO: 11

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136 <211> LENGTH: 13  
137 <212> TYPE: PRT  
138 <213> ORGANISM: Frog  
140 <400> SEQUENCE: 11  
141 Asn Leu Ile Thr Asn Val Cys Gln Asp Lys Ala Ala Ala  
142 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/790,291

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Input Set : E:\CLFR232.APP.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 1,2,3,4,5

**VERIFICATION SUMMARY**  
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L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0